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WheatGrower

Special Edition:
WHEAT FACTS

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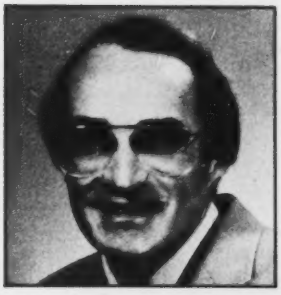

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Official Publication of the National Association of Wheat Growers

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1980 Wheat Facts

Published with the Support of the National Association of Wheat Growers Foundation

WHEAT

WEIGHTS AND MEASURES

One bushel of wheat equals 60 pounds

Weight	Equivalent	Weight	Equivalent
1 Bushel =	.030 Short tons	1 Short ton =	33.333 Bushels
1 Bushel =	.0272155 Metric tons	1 Metric ton =	36.7437 Bushels
1 Bushel =	.0267857 Long tons	1 Long ton =	37.333 Bushels
1 Bushel =	27.21555 Kilograms	1 Kilogram =	.036744 Bushels

WHEAT FLOUR

100 pounds = 2.30 bushels of wheat

1 barrel wheat flour = 196 pounds

4.51 bushels of wheat = 1 barrel of flour

BREAD

60 lbs wheat per bushel
at 70% extraction rate
120 lbs per two bushels
= 84 lbs of flour

Ingredient Formula		Content per 84 lbs of flour
Water	60%	50.4 lbs.
Sugar	5%	4.2 lbs.
Salt	2%	1.7 lbs.
Dry Milk	2%	1.7 lbs.
Yeast	2%	1.7 lbs.
Shortening	3%	2.5 lbs.
		146.2 lbs.

146.2 lbs bread per 2 bushels of wheat = 146 one pound loaves of bread

$2/\frac{73.1}{146.2}$ OR 73 loaves of bread per bushel of wheat

$146.2/\overline{84}$ $1462/\frac{.57}{840.0}$ OR .6 lb flour per bushel of wheat in one loaf of bread

FACTS

- 1 bushel wheat yields 73 one pound loaves of white bread
- 1 pound loaf of bread gives 2.6¢ for wheat to the farmer
- Every dollar the cost of a bushel of wheat changes, the price of a loaf should change 1½¢
- Two tons of water are needed to grow enough wheat for a one pound loaf of bread
- 2.3 bushels of wheat yields 100 pounds of flour ... and that much flour makes 117 loaves of 22.5 ounce bread
- One farmer now supplies enough food for 56 people - only 10 years ago he was producing for 29
- Production from one cropland acre out of every 3.5 goes overseas
- If bread prices increased at the same rate as transportation costs over the past 20 years; bread would cost $1.07 per pound loaf
- 39 cents per $1.00 is spent in grocery stores for U.S. farm-grown food

MAJOR EVENTS AFFECTING WHEAT GROWERS

July 1972	Soviet Union grain sales; total purchases of 9.5 million metric tons of wheat; 3.7 million metric tons of corn; $750 million credit repaid with interest.
August 1972	1973 Farm Act signed into law by President Nixon; wheat target price at $2.05 a bushel; minimum loan rate at $1.35 a bushel.
June 1973	Secretary of Commerce Frederick Dent imposed an embargo on the U.S. exports of soybeans, cottonseeds, and various oil and meal products.
October 1974	Wheat and corn sale contracts to the Soviet Union totaling 3.2 million metric tons were cancelled.
May 1975	Emergency Farm Legislation adopted in the House and Senate; wheat target price at $3.10 a bushel; wheat loan level at $2.50 a bushel; vetoed by President Ford.
August 1975	Secretary of Agriculture Butz announced a moratorium on Soviet Union grain purchases.
September 1975	Soviet Union grain sales moratorium cancelled, sales ban expanded to include Poland.
October 1975	Polish ban lifted. President Ford announced a five-year U.S.-USSR grain agreement controlling trade; moratorium ended.
September 1977	Agriculture Act of 1977 signed into law by President Carter; wheat target price at $2.90 a bushel for 1977; $3.00-$3.05 a bushel target price for 1978; minimum wheat loan level of $2.35 a bushel; 20 percent set-aside program for 1978 crop.
November 1977	Legislation adopted to exempt disaster payments from $20,000 limitation.
May 1978	Emergency Farm Legislation signed by President Carter authorizing a $3.40 target price for wheat in 1978.
June 1978	Secretary of Agriculture Bergland increased the 1978 wheat loan by ten cents to $2.35 a bushel.
December 1978	White House announces establishment of diplomatic relations with China on January 1, 1980.
May 1979	Wheat in farmer-owned reserve released for redemption as prices reach the $3.29 action point.
January 1980	President Carter halts all U.S. grain shipments above 8 MMT to the USSR in response to Soviet invasion of Afghanistan; 4.2 MMT of U.S. wheat blocked from shipment; program of CCC grain purchases announced.
March 1980	President Carter signs Agricultural Adjustment Act of 1980 increasing 1980 wheat target price to $3.63.

USDA COST OF PRODUCTION ESTIMATES

ALL WHEAT

UNIT	1978	1979**	1980*	1980 NAWG ESTIMATE
COSTS PER ACRE:				
Seed	$ 4.00	$ 4.97	$ 5.20	$ 5.63
Fertilizer	8.02	10.01	12.66	12.20
Lime and gypsum	.12	.16	.20	.18
Chemicals and sprays	2.12	2.16	2.49	2.58
Custom operations	2.35	2.59	2.76	3.18
All labor	8.06	8.73	9.52	9.29
Fuel and lubrications	5.06	7.63	12.21	11.56
Repairs	5.72	6.30	6.95	6.92
Purchased irrigation water	.18	.20	.21	.27
Interest	1.39	2.08	3.35	3.10
Machinery Ownership	23.26	28.15	34.76	34.61
Replacement	14.64	16.23	17.90	---
Interest	6.62	9.59	14.29	---
Taxes and insurance	2.00	2.33	2.57	---
General Farm Overhead	7.15	7.95	9.02	8.70
Management	6.75	8.11	9.95	9.84
Total, excluding land	74.60	89.18	109.43	108.22
Land Allocation:				
Current value	46.97	60.30	73.25	---
Average acquisition value	24.16	31.31	36.22	---
Share renter	---	---	---	54.11
COSTS PER BUSHEL:				
Variable	1.24	1.38	1.69-1.93	1.82
Machinery ownership	.78	.87	1.05-1.20	1.15
Farm overhead	.24	.24	.27- .31	.29
Management	.22	.25	.30- .35	.33
Total, excluding land	2.48	2.74	3.31-3.79	3.58
Land allocation:				
Current value	1.57	1.86	2.36	---
Average acquisition value	.81	.96	1.17	---
Value of pasture and straw	.13	.14	.15	.15
TOTAL PER BUSHEL COSTS OF PRODUCTION TO A RENTER:				
Cost to share renter /1	3.68	3.88	4.99	---
Cost to cash renter /2	3.72	4.07	5.01	---
Weighted renter cost	3.69	3.93	5.00	---
One-third share rent /3	---	---	---	5.37
YIELD PER ACRE (Bushels)	29.9	32.5	28.9 -33.1	30.2

* 1980 figures are projected
** 1979 figures are preliminary

/1 Share renter portion of cost divided by share renter portion of crop
/2 Cash renter costs including cash rent divided by total yield
/3 Total fixed and variable costs per acre divided by two-thirds of yield per acre

TOP 30 U.S. WHEAT PRODUCING STATES (ALL WHEATS)

State	Area Harvested (1,000 acres)			Yield (Bushels)			Production (1,000 Bushels)		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
Arizona*	140	138	125	72.0	70.0	76.3	10,080	9,660	9,540
Arkansas	660	300	420	39.0	37.0	35.0	25,740	11,100	14,700
California*	678	715	825	64.5	64.1	70.5	43,700	45,825	58,200
Colorado*	2,575	2,523	2,641	22.2	23.4	26.6	57,225	59,053	70,183
Idaho*	1,190	1,295	1,470	42.6	57.7	50.4	50,730	74,730	74,140
Illinois	1,570	930	1,300	43.0	38.0	43.0	67,510	35,340	55,900
Indiana	1,240	815	945	45.0	39.0	47.0	55,800	31,785	44,415
Kansas*	12,100	10,200	10,800	28.5	30.0	38.0	344,850	306,000	410,400
Kentucky	274	195	290	37.0	35.0	38.0	10,138	6,825	11,020
Maryland	120	102	114	36.0	37.0	37.0	4,320	3,774	4,218
Michigan	825	450	785	40.0	40.0	43.0	33,000	18,000	33,755
Minnesota*	3,327	2,776	2,578	39.6	33.6	35.1	131,894	93,225	90,384
Missouri	1,760	840	1,600	39.0	34.0	44.0	68,640	28,560	70,400
Montana*	5,060	4,840	5,125	25.9	30.2	22.7	130,920	146,050	116,475
Nebraska*	2,950	2,550	2,550	35.0	32.0	34.0	103,250	81,600	86,700
New Mexico*	425	306	398	21.5	18.0	22.0	9,137	5,508	8,756
New York	175	75	160	39.0	35.0	41.0	6,825	2,625	6,560
North Carolina	200	180	210	30.0	33.0	36.0	6,000	5,940	7,560
North Dakota*	9,254	9,585	9,600	24.8	29.8	26.3	229,907	286,065	252,235
Ohio	1,540	1,125	1,320	47.0	39.0	48.0	72,380	43,875	63,360
Oklahoma*	6,500	5,400	5,700	27.0	27.0	38.0	175,500	145,800	216,600
Oregon*	1,230	1,225	1,245	38.7	42.4	42.6	47,620	51,925	57,310
Pennsylvania	270	245	262	33.0	33.0	31.0	8,910	8,085	8,122
South Dakota*	3,016	3,090	2,805	23.9	21.4	21.4	71,964	66,000	60,060
Tennessee	280	220	295	36.0	35.0	34.0	10,080	7,700	10,030
Texas*	4,700	2,700	4,600	25.0	20.0	30.0	117,500	54,000	138,000
Utah	204	223	250	23.1	29.9	26.7	4,716	6,670	6,680
Virginia	205	155	180	31.0	35.0	35.0	6,355	5,425	6,300
Washington*	2,985	2,910	2,980	33.9	44.9	39.6	101,305	130,760	118,000
Wyoming*	281	294	287	20.0	25.9	22.1	5,620	7,606	6,354
U.S. Total	66,461	56,942	62,600	30.6	31.6	34.2	2,036,318	1,797,528	2,141,732

*NAWG member states

MONTHLY AVERAGE PRICES RECEIVED BY FARMERS FOR WHEAT, UNITED STATES, 1955 TO DATE

WHEAT PER BUSHEL

CROP YEAR	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
	Dollars per bushel											
1955/56	2.06	1.97	1.90	1.92	1.94	1.94	1.95	1.95	1.95	1.97	2.03	2.00
1956/57	1.93	1.90	1.93	1.95	1.98	2.05	2.07	2.09	2.07	2.07	2.05	1.98
1957/58	1.91	1.91	1.90	1.90	1.92	1.93	1.94	1.90	1.92	1.96	1.95	1.93
1958/59	1.70	1.64	1.64	1.68	1.73	1.74	1.73	1.71	1.74	1.76	1.77	1.77
1959/60	1.69	1.70	1.75	1.72	1.76	1.79	1.79	1.78	1.80	1.82	1.82	1.82
1960/61	1.72	1.67	1.71	1.72	1.74	1.76	1.77	1.79	1.81	1.80	1.74	1.76
1961/62	1.72	1.73	1.83	1.87	1.88	1.88	1.89	1.88	1.88	1.89	1.92	1.98
1962/63	1.99	1.98	2.00	1.99	1.97	2.00	2.02	2.01	2.04	2.04	2.09	2.04
1963/64	1.86	1.75	1.77	1.84	1.94	1.95	1.97	2.00	1.99	1.85	1.94	1.88
1964/65	1.40	1.33	1.33	1.36	1.37	1.39	1.39	1.38	1.37	1.36	1.34	1.33
1965/66	1.28	1.31	1.34	1.33	1.35	1.38	1.40	1.41	1.43	1.41	1.39	1.44
1966/67	1.59	1.74	1.70	1.71	1.59	1.60	1.61	1.57	1.49	1.59	1.55	1.58
1967/68	1.49	1.37	1.41	1.39	1.43	1.39	1.39	1.40	1.42	1.42	1.36	1.36
1968/69	1.24	1.19	1.19	1.22	1.26	1.29	1.26	1.27	1.28	1.28	1.28	1.28
1969/70	1.22	1.15	1.19	1.24	1.28	1.29	1.30	1.29	1.30	1.28	1.32	1.31
1970/71	1.23	1.23	1.31	1.41	1.43	1.45	1.41	1.40	1.41	1.39	1.40	1.43
1971/72	1.46	1.34	1.28	1.26	1.30	1.31	1.34	1.33	1.34	1.34	1.36	1.38
1972/73	1.33	1.32	1.51	1.73	1.89	1.97	2.38	2.38	1.97	2.06	2.15	2.15
1973/74	2.43	2.47	4.45	4.62	4.22	4.20	4.78	5.29	5.52	4.96	3.98	3.52
1974/75	3.57	4.04	4.24	4.32	4.85	4.87	4.65	4.11	3.95	3.65	3.69	3.47
1975/76	2.92	3.33	3.89	4.11	4.02	3.58	3.41	3.43	3.66	3.65	3.50	3.43
1976/77	3.46	3.33	2.97	2.88	2.59	2.46	2.39	2.43	2.47	2.43	2.37	2.19
1977/78	2.03	2.04	2.13	2.16	2.30	2.46	2.47	2.53	2.59	2.65	2.82	2.82
1978/79	2.81	2.81	2.88	2.92	2.99	3.04	3.01	2.99	2.99	2.97	3.01	3.20
1979/80	3.72	3.89	3.74	3.87	3.98	3.94	3.80	3.74	3.78	3.64	3.58	3.69*
1980/81	3.55*											

*Preliminary

WHEAT

(Grades and grade requirements for all classes of Wheat, except Mixed Wheat)

Grade	Minimum test weight per bushel		Maximum limits of --						
	Hard Red Spring Wheat or White Club Wheat	All other classes & subclasses	Heat-damaged Kernels	Damaged Kernels (total)1/	Foreign Material	Shrunken and broken Kernels	Defects (total)2/	Wheat of other classes 3/ Contrasting classes	Wheat of other classes (total)4/
	Pounds	Pounds	Percent	Percent	Percent	Percent	Percent	Percent	Percent
U.S. No. 1	58.0	60.0	0.2	2.0	0.5	3.0	3.0	1.0	3.0
U.S. No. 2	57.0	58.0	0.2	4.0	1.0	5.0	5.0	2.0	5.0
U.S. No. 3	55.0	56.0	0.5	7.0	2.0	8.0	8.0	3.0	10.0
U.S. No. 4	53.0	54.0	1.0	10.0	3.0	12.0	12.0	10.0	10.0
U.S. No. 5	50.0	51.0	3.0	15.0	5.0	20.0	20.0	10.0	10.0
U.S. Sample grade	U.S. Sample Grade shall be wheat which: (1) Does not meet the requirements for the grades U.S. Nos. 1, 2, 3, 4, or 5; or (2) Contains a quantity of smut so great that one or more of the grade requirements cannot be determined accurately; or (3) Contains 8 or more stones, 2 or more pieces of glass, 3 or more crotalaria seeds (Crotalaria spp.), 3 or more castor beans (Ricinus communis), 4 or more particles of an unknown foreign substance(s) or a commonly recognized harmful or toxic substance(s), or 2 or more rodent pellents, bird droppings, or an equivalent quantity of other animal filth per 1,000 grams of wheat; or (4) Has a musty, sour, or commercially objectionable foreign odor (except smut or garlic odor); or (5) Is heating or otherwise of distinctly low quality.								

1/ Includes heat-damaged kernels.
2/ Defects (total) include damaged kernels (total), foreign material, and shrunken and broken kernels. The sum of these three factors may not exceed the limit for defects.
3/ Unclassed Wheat of any grade may contain not more than 10 percent of wheat of other classes.
4/ Includes contrasting classes.

UNIT VALUE AND COSTS PER 1-LB. BAKED LOAF OF BREAD

Item	1974		1975		1976		1977		1978		1979	
	Cents	%	Cents	%	Cents	%	Cents	%	Cents	%	Cents	%
Wholesale production value	.3212	100	.3537	100	.3632	100	.3668	100	.3916	100	.4346	100
Costs & Expenses												
Flour	.0771	23.9	.0675	19.1	.0630	17.3	.0502	13.7	.0555	14.17	.0682	15.69
Sweetners	NA		NA		.0088	2.4	.0074	2.0	.0078	1.99	.0086	1.98
Shortening	NA		NA		.0067	1.9	.0078	2.1	.0081	2.07	.0095	2.19
Ingredients, all other	.0324	10.1	.0378	10.7	.0173	9.1	.0173	4.7	.0814	4.70	.0194	4.46
Total Ingredients	.1095	34.0	.1053	29.8	.1916	30.7	.0827	22.5	.0898	22.93	.1057	24.32
Wrapping Materials	.0125	3.9	.0162	4.6	.0164	4.5	.0164	4.5	.0162	4.14	.0163	3.75
Manufacturing labor, fringes	.0271	8.4	.0283	8.0	.0320	8.8	.0343	9.4	.0385	9.83	.0412	9.48
Wages, indirect fringes	.0121	3.8	.0149	4.2	.0165	4.5	.0184	5.0	.0198	5.06	.0226	5.20
Other manufacturing expenses	.0159	5.0	.0201	5.7	.0202	5.6	.0236	6.4	.0252	6.44	.0285	6.56
All selling wages, fringes	.0671	20.9	.0726	20.5	.0781	21.5	.0825	22.5	.0911	23.26	.0986	22.69
All other selling and advertising expenses	.0481	15.0	.0616	17.4	.0698	19.2	.0701	19.1	.0737	18.82	.0821	18.89
Administration expenses	.0138	4.3	.0167	4.7	.0185	5.1	.0202	5.5	.0214	5.46	.0249	5.73
TOTAL EXPENSES	.3061	95.3	.3357	94.9	.3473	95.6	.3482	94.9	.3757	95.94	.4199	96.62

NA - not available

WORLD: WHEAT AND WHEAT FLOUR
JULY/JUNE YEARS 1976/77-1980/81
(IN MILLIONS OF METRIC TONS)

	1976/77	1977/78	1978/79	1979/80	Forecast 1980/81
EXPORTS					
CANADA	12.9	15.9	13.5	14.4	13.5 - 16.0
AUSTRALIA	8.5	11.1	6.7	14.5	11.0 - 14.5
ARGENTINA	5.6	2.6	3.3	4.7	3.0 - 4.5
SUB-TOTAL	27.0	29.5	23.5	33.6	29.5 - 34.0
WEST EUROPE	6.3	6.3	9.5	10.3	10.5 - 12.5
USSR	1.0	1.0	1.5	0.5	0 - 1.0
OTHERS	2.7	4.5	4.4	1.9	2.5 - 4.0
TOTAL NON-US	37.0	41.3	38.8	46.3	45.0 - 50.5
U.S.	26.1	31.5	32.4	37.0	32.6 - 40.8
WORLD TOTAL	63.1	72.9	71.2	83.4	80.0 - 90.0
IMPORTS					
WEST EUROPE	5.6	7.1	6.7	6.7	6.0 - 7.0
USSR	4.6	6.6	5.1	11.8	9.0 - 15.0
JAPAN	5.5	5.8	5.7	5.5	5.4
EAST EUROPE	6.3	5.0	4.2	5.3	4.0 - 5.0
CHINA	3.2	8.6	8.0	8.3	9.0 - 11.5
OTHERS	38.0	39.9	41.4	45.8	44.0 - 49.0
WORLD TOTAL	63.1	72.9	71.2	83.4	80.0 - 90.0
INTRA EC-9	68.5	79.7	77.3	89.4	87.0 - 97.0
PRODUCTION					
CANADA	23.6	19.9	21.1	17.7	17.0 - 21.0
AUSTRALIA	11.7	9.4	18.1	16.0	11.5 - 16.0
ARGENTINA	11.0	5.7	8.1	7.8	7.5 - 9.0
WEST EUROPE	50.7	47.7	58.5	55.4	58.7
USSR	96.9	92.2	120.8	90.1	90.0 -105.0
EAST EUROPE	35.0	34.5	35.8	27.7	35.4
INDIA	28.8	29.0	31.7	35.0	31.0
OTHERS	99.8	89.1	104.6	111.6	105.2 -116.8
TOTAL NON-US	357.5	327.4	398.9	361.3	365.0 -400.0
U.S.	58.3	55.4	48.9	58.3	57.0 - 66.5
WORLD TOTAL	415.8	382.8	447.8	419.6	420.0 -455.0
UTILIZATION					
U.S.	20.4	23.1	23.3	21.1	20.3 - 22.9
USSR	92.5	106.8	106.5	116.4	103.0 -113.0
CHINA	48.2	49.6	62.0	68.8	66.0 - 70.0
OTHERS	217.4	221.0	232.7	232.4	233.0 -242.0
WORLD TOTAL	378.5	400.5	424.6	438.7	421.0 -443.0
ENDING STOCKS					
TOTAL FOREIGN	70.0	50.6	80.7	61.8	60.0 - 75.0
USSR: STKS CHG	8.0	-9.0	18.0	-15.0	0 -+10.0
U.S.	30.3	32.0	25.2	25.0	23.1 - 35.4
WORLD TOTAL	100.3	82.6	105.9	86.8	85.0 -105.0

WHEAT: NATIONAL SUPPORT PRICE AND GOVERNMENT PAYMENTS

Crop Year	Production (million bushels)	National Average Support Price 1/ (per bushel)	Average Price to Farmers (per bushel)	Farm Value (mil. dol.)	Government Payments (million dollars)
(For statistics for 1933 through 1954, see Wheat Commodity Fact Sheet for 1979)					
1955	937.1	$2.08	$1.98	$1,858.5	
1956	1,005.4	2.00	1.97	1,976.2	$43.4 Acreage
1957	955.7	2.00	1.93	1,848.4	229.5 Reserve
1958	1,457.4	1.82	1.75	2,543.7	104.1 Soil Bank
1959	1,117.7	1.81	1.76	1,969.5	
1960	1,354.7	1.78	1.74	2,361.2	
1961	1,232.4	1.79	1.83	2,254.7	
1962	1,092.0	2.00	2.04	2,225.7	285.5 Diversion
1963	1,146.8	2.00a .18b 1.82c	1.85(2.03)g	2,125.3	242.6 Div/pr.sup.
1964	1,283.4	2.00d .70e .25f 1.30c	1.37(1.80)g	1,757.0	442.9 Div/Certif.
1965	1,315.6	2.00d .75e .30f 1.25c	1.35(1.79)g	1,774.5	509.2 "
1966	1,304.9	2.57d 1.32e 1.25c	1.63(2.22)g	2,129.9	681.3 "
1967	1,507.6	2.61d 1.36e 1.25c	1.39(1.87)g	2,090.1	727.1 Certif.
1968	1,556.7	2.63d 1.38e 1.25c	1.24(1.79)g	1,929.1	746.0 "
1969	1,442.7	2.77d 1.52e 1.25c	1.25(1.89)g	1,795.7	855.9 Div/Certif.
1970	1,351.6	2.82d 1.57e 1.25c	1.33(2.08)g	1,803.2	871.0 "
1971	1,618.6	2.93d 1.63h 1.25c	1.34(1.88)g	2,166.7	885.7 Certif.
1972	1,546.2	3.02d 1.34h 1.25c	1.76(2.23)g	2,704.1	858.7 Div/Certif.
1973	1,710.8	3.39d 0.68h 1.25c	3.95(4.17)g	6,719.2	478.2 "
1974	1,781.9	2.05i -- 1.37c	4.09 --	7,287.0	None Div/Def
1975	2,122.5	2.05i -- 1.37c	3.56 --	7,534.9	None "
1976	2,142.4	2.29i -- 2.25c	2.73 --	5,851.4	None "
1977	2,036.3	2.90k -- 2.25c	2.33 --	4,742.7	996.4 Deficiency
1978	1,797.5	3.00l -- 2.35c	2.98	5,349.5	632.5 Def/Hay/Graz.
1979*	2,141.7	3.40l -- 2.35c	3.75	8,175.5	None

*Preliminary

FOOTNOTES

1/ For 1955 through 1963 crops, support outside the commercial area was 75 percent of the rate reflecting the U.S. average level.

a Total support.
b Price support payment.
c Loan rate.
d Support for wheat used for domestic food.
e Domestic marketing certificate value.
f Export marketing certificate value.
g Blended average price to program participants, reflecting national average price received by farmers and the marketing certificate value averaged for participants total production.
h The marketing certificate payment rate was the difference between the price received by farmers the first five months (July-November) of the marketing year and 100 percent of wheat parity on July 1. Eligible producers received preliminary payments equal to 75 percent of the estimated face value of the certificate as soon as practical after July 1.
i Established target price, guaranteed on production from allotment acreage.
j Preliminary season average price -- national weighted average price received by farmers during the first five months of the marketing year exceeded the established price. Therefore, no payments were due.
k Established target price on planted allotment acreage; established target price on unplanted acreage was $2.47.
l Established target price.

WHEAT PROGRAM SUMMARY

Year	Number of Farms Participating	Acreage Allotment on Farms Participating	National Acreage Allotment/1	Acreage Diversion/ Set-Aside on Farms Participating	Payments, Diversion & SG&H *	Marketing Certificate/ Deficiency Payments
1960	not available	not available	55,000,000	none	none	none
1961	not available	not available	55,000,000	none	none	none
1962	777,714	41,183,000	55,000,000	10,699,000	$285,524,000	none
1963	409,890	25,023,000	55,000,000	7,161,000	163,394,000	79,200,000
1964	584,955	39,267,000	53,200,000	5,123,000	32,716,000	410,176,000
1965	819,535	43,465,000	53,300,000	7,185,000	36,882,000	472,338,000
1966	809,079	42,120,000	51,600,000	8,257,000	26,156,000	655,186,000
1967	769,295	56,887,000	68,200,000	none	none	727,053,000
1968	803,050	50,155,000	59,300,000	none	none	745,974,000
1969	953,318	45,243,000	51,600,000	11,097,000	71,612,000	784,336,000
1970	923,302	39,867,000	45,500,000	15,723,000	62,548,000	808,458,000
				Set-Aside Provision		
1971	1,011,954	18,122,000	19,700,000 3/	13,500,000 4/	---	885,653,000
1972	976,338	18,314,000	19,700,000 3/	20,106,000	132,000,000	726,670,000
1973	1,053,360	17,783,000	18,700,000 3/	7,372,000	103,024,000	375,226,000
1974	NA	NA	55,000,000	NA	NA	NA
1975	NA	NA	53,500,000	NA	NA	NA
1976	NA	NA	61,600,000	NA	NA	NA
1977	NA	NA	62,200,000	none	none	996,416,000
1978	NA	NA	58,800,000 5/	9,600,000 7/	15,116,000	617,353,000
1979	NA	NA	70,100,000 5/	8,200,000 7/	none	none
1980	NA	NA	70,000,000 5/6/	none		

1/ 1964 through 1969 includes the increase in small farm allotment authorized by law
2/ Price support payments in 1963
3/ Domestic allotment
4/ Required set-aside
5/ National program acreage
6/ Preliminary
7/ Includes set-aside and special grazing and hay program acreage
* SG&H = Special Grazing and Hay Program

WHEAT HARVEST CALENDAR AND STATISTICAL CROP YEAR

Country	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Statistical Crop Year
						WHEAT HARVEST PERIOD							
EEC:													
Belgium							XXXXXXXXXXX						Aug. 1/July 31
Denmark							XXXXXXXXXXX						Aug. 1/July 31
France						XXXXXXXXXXXXXXXXX							Aug. 1/July 31
Germany							XXXXXXXXXX						Aug. 1/July 31
Ireland							XXXXXXXXXX						Aug. 1/July 31
Italy						XXXXXXXXXXXXXXXXX							Aug. 1/July 31
Luxemburg							XXXXXXXXXX						Aug. 1/July 31
Netherlands							XXXXXXXXXX						Aug. 1/July 31
United Kingdom							XXXXXXXXXX						Aug. 1/July 31
USSR:													
Central							XXXXXXXXXX						Jan. 1/Dec. 31
North								XXXXXXXXXXX					Jan. 1/Dec. 31
South						XXXXXXXXXXXXXXXXX							Jan. 1/Dec. 31
North & Cent. Am.:													
Canada								XXXXXXXXXXX					Aug. 1/July 31
Mexico				XXXXXXXXXXXXXXX									
USA:													
Central						XXXXXXXXXX							June 1/May 31
North								XXXXXXXXXXX					June 1/May 31
South						XXXXXXXXXX							June 1/May 31
So. Am.													
Argentina	XXXX										XXXXXXXXX		Dec. 1/Nov. 30
Brazil	XXXX										XXXXXXXXX		
Chile	XXXX											XXX	July 1/June 30
Asia:													
China, P.R.					XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX								
India		XXXXXXXXXXXXXXXXX											Apr. 1/Mar. 31
Iran				XXXXXXXXX									Mar. 21/Mar 20
Japan					XXXXXXXXXXXXXXXX								Apr. 1/Mar. 31
Africa:													
Egypt		XXXXXXXXXXXXXXXXXXXX											July 1/June 30
Oceania:													
Australia	XXXX									XXXXXXXXXXXXXXXX			Dec. 1/Nov. 30

U.S. Wheat: Marketing year supply and disappearance

YEAR BEGINNING JUNE 1	SUPPLY				DISAPPEARANCE			MAY 31 ENDING STOCKS
	BEGINNING STOCKS	PRODUCTION	IMPORTS	TOTAL	DOMESTIC DISAPPEARANCE	EXPORTS/1	TOTAL DISAPPEARANCE	
	- - - Million Bushels - - -							
1965/66	817	1,316	1	2,134	732	867	1,599	535
1966/67	535	1,305	2	1,842	674	744	1,418	424
1967/68	424	1,508	1	1,933	633	761	1,394	539
1968/69	539	1,556	1	2,096	735	544	1,279	817
1969/70	817	1,443	3	2,263	772	606	1,378	885
1970/71	885	1,352	1	2,238	769	738	1,507	731
1971/72	731	1,619	1	2,351	856	632	1,488	863
1972/73	863	1,546	1	2,410	786	1,027	1,813	597
1973/74	597	1,711	3	2,311	754	1,217	1,971	340
1974/75	340	1,782	3	2,125	672	1,018	1,690	435
1975/76	435	2,122	2	2,559	721	1,173	1,894	665
1976/77	665	2,142	3	2,810	748	950	1,698	1,112
1977/78	1,112	2,036	2	3,150	849	1,124	1,973	1,177
1978/79	1,177	1,798	1	2,976	857	1,194	2,051	925
1979/80/1	925	2,142	2	3,069	793	1,375	2,168	901
1980/81/2	901	2,317	2	3,220	805	1,450	2,255	965

/1 Preliminary

/2 Projected as of July 22, 1980

CANADA

WHEAT: Marketing year supply and disappearance

(Marketing year August-July)

YEAR	SUPPLY				DISAPPEARANCE			ENDING STOCKS
	BEGINNING STOCKS	PRODUCTION	IMPORTS	TOTAL	DOMESTIC DISAPPEARANCE	EXPORTS	TOTAL DISAPPEARANCE	
	- - - 1,000 Metric Tons - - -							
1965/66	13,962	17,661	--	31,623	4,270	15,919	20,189	11,434
1966/67	11,434	22,516	--	33,950	4,229	14,024	18,253	15,697
1967/68	15,697	16,137	--	31,834	4,577	9,145	13,722	18,112
1968/69	18,112	17,686	--	35,798	4,291	8,324	12,615	23,183
1969/70	23,183	18,623	--	41,806	4,924	9,340	14,354	27,452
1970/71	27,452	9,022	--	36,474	4,648	11,844	16,492	19,982
1971/72	19,982	14,412	--	34,395	4,796	13,711	18,507	15,888
1972/73	15,888	14,512	--	30,400	4,763	15,692	20,455	9,945
1973/74	9,945	16,158	--	26,103	4,601	11,414	16,015	10,088
1974/75	10,088	13,295	--	23,383	4,607	10,739	15,346	8,037
1975/76	8,037	17,078	--	25,115	4,641	12,252	16,893	8,222
1976/77	8,222	23,587	--	31,809	5,045	13,446	18,491	13,318
1977/78	13,318	19,862	--	33,180	5,066	15,997	21,063	12,117
1978/79/1	12,117	21,145	--	33,262	5,167	13,080	18,247	15,015
1979/80/1	15,015	17,745	--	32,760	5,100	14,900	20,000	12,760

/1 Preliminary

AUSTRALIA

WHEAT: Marketing year supply and disappearance

(Marketing year December-November)

YEAR	SUPPLY				DISAPPEARANCE			
	BEGINNING STOCKS	PRODUCTION	IMPORTS	TOTAL	DOMESTIC DISAPPEARANCE	EXPORTS	TOTAL DISAPPEARANCE	ENDING STOCKS
	- - - 1,000 Metric Tons - - -							
1965/66	989	7,067	--	8,056	2,591	4,691	7,282	774
1966/67	774	12,699	--	13,473	2,460	8,497	10,957	2,516
1967/68	2,516	7,547	--	10,063	2,672	5,654	8,326	1,737
1968/69	1,737	14,804	--	16,541	2,584	6,371	8,955	7,586
1969/70	7,586	10,546	--	18,132	2,540	8,047	10,587	7,545
1970/71	7,545	7,890	--	15,435	2,625	9,145	11,770	3,665
1971/72	3,665	8,606	--	12,271	2,899	7,788	10,687	1,584
1972/73	1,584	6,590	--	8,174	3,328	4,281	7,609	565
1973/74	565	11,987	--	12,552	3,539	7,031	10,570	1,982
1974/75	1,982	11,357	--	13,339	3,119	8,562	11,681	1,658
1975/76	1,658	11,982	--	13,640	2,307	8,667	10,970	2,670
1976/77	2,670	11,667	--	14,337	2,781	9,485	12,266	2,071
1977/78	2,071	9,370	--	11,441	2,203	8,422	10,625	816
1978/79/1	816	18,083	--	18,899	2,518	11,692	14,270	4,629
1979/80/1	4,629	16,026	--	20,655	2,900	14,000	16,900	3,755

/1 Preliminary

ARGENTINA

WHEAT: Marketing year supply and disappearance

(Marketing year December-November)

YEAR	SUPPLY				DISAPPEARANCE			
	BEGINNING STOCKS	PRODUCTION	IMPORTS	TOTAL	DOMESTIC DISAPPEARANCE	EXPORTS	TOTAL DISAPPEARANCE	ENDING STOCKS
	- - - 1,000 Metric Tons - - -							
1965/66	3,340	6,079	--	9,419	3,705	5,539	9,224	175
1966/67	175	6,247	133	6,555	4,108	2,202	6,310	245
1967/68	245	7,320	35	7,600	4,330	2,262	6,592	1,008
1968/69	1,008	5,740	392	7,140	4,368	2,460	6,828	312
1969/70	312	7,020	--	7,332	4,286	2,266	6,552	780
1970/71	780	4,920	--	5,700	4,184	841	5,025	675
1971/72	675	5,680	--	6,355	4,356	1,629	5,985	370
1972/73	370	6,900	493	7,763	4,301	3,193	7,494	269
1973/74	269	6,560	--	6,829	4,221	1,582	5,803	1,026
1974/75	1,026	5,970	--	6,996	4,498	1,784	6,282	714
1975/76	714	8,570	--	9,284	5,380	3,162	8,542	742
1976/77	742	11,000	--	11,742	4,242	5,900	10,142	1,600
1977/78/1	1,600	5,700	--	7,300	4,349	1,775	6,124	1,176
1978/79/1	1,176	8,100	--	9,276	4,093	4,080	8,173	1,103
1979/80	1,103	7,800	--	8,903	4,300	3,850	8,150	753

/1 Preliminary

EUROPEAN ECONOMIC COMMUNITY (Nine)

WHEAT

Aug-Jul	Area Harvest 1000 Hect	Yield	Beginning Stocks	Production	Total Imports	Total Exports	Domestic For Feed	Consumption Total	Total Disappearance	Ending Stocks
					1,000					
					- - - Metric Tons - - -					
1965-66	11,852	2.99	6,527	35,453	10,100	6,357	8,725	37,815	43,653	6,754
1966-67	11,081	2.75	7,908	30,500	9,322	4,770	8,168	36,530	41,009	5,446
1967-68	10,826	3.32	6,430	35,985	9,132	5,942	8,574	36,848	41,654	7,652
1968-69	11,374	3.23	6,533	36,762	11,725	8,297	9,790	38,117	43,932	9,047
1969-70	11,129	3.21	8,606	35,703	11,358	9,771	12,124	40,790	48,102	5,461
1970-71	10,936	3.18	5,106	34,746	12,174	5,717	12,353	40,820	44,220	6,038
1971-72	11,137	3.60	5,489	40,134	11,234	8,739	11,883	41,021	45,121	7,449
1972-73	11,097	3.74	7,001	41,454	12,045	11,877	14,336	42,805	48,805	6,126
1973-74	10,827	3.82	5,818	41,393	11,722	11,657	11,543	39,990	45,190	7,362
1974-75	11,224	4.04	7,286	45,391	9,903	12,172	11,894	40,677	47,477	10,305
1975-76	10,471	3.64	9,731	38,105	11,951	14,286	9,141	37,967	46,367	7,426
1976-77	11,200	3.49	7,534	39,114	9,649	10,659	9,689	38,595	43,495	7,445
1977-78	10,054	3.82	7,043	38,389	12,520	12,458	10,582	39,371	44,500	6,834
1978-79	11,003	4.33	6,123	47,619	10,600	14,500	11,686	41,039	49,039	10,014
1979-80	10,977	4.19	8,803	46,100	10,800	15,200	12,300	41,800	50,900	9,714

PEOPLE'S REPUBLIC OF CHINA

WHEAT IMPORTS

	U.S.		Arg.		Aust.		Can.		EEC		Other		Total	
	MMT	MB	MMT	MB	MMT	MB	MMT	MB	MMT	MB	MMT	MB	MMT	MB
1965/66	--	--	2.2	80.8	2.0	73.4	2.1	77.2	0.1	3.7	--	--	6.4	235.1
1966/67	--	--	0.3	11.0	2.2	80.8	2.5	91.9	0.1	3.7	--	--	5.0	183.7
1967/68	--	--	L	--	2.4	88.2	1.4	51.4	0.4	14.7	--	--	4.2	154.3
1968/69	--	--	--	--	1.2	44.1	2.1	77.2	0.3	11.0	--	--	3.6	132.3
1969/70	--	--	--	--	2.4	88.2	1.8	66.1	0.8	29.4	--	--	5.0	183.7
1970/71	--	--	--	--	1.3	47.8	2.3	84.5	L	--	--	--	3.7	135.9
1971/72	--	--	--	--	--	--	3.0	110.2	--	--	--	--	3.0	110.2
1972/73	0.6	22.0	--	--	0.3	11.0	4.4	161.7	--	--	0.6	22.0	5.3	194.7
1973/74	3.2	117.6	--	--	1.2	44.1	1.4	51.4	L	--	3.2	117.6	5.8	213.1
1974/75	1.5	55.1	0.2	7.3	1.2	44.1	2.4	88.2	0.2	7.3	1.5	55.1	5.5	202.1
1975/76	--	--	--	--	1.0	36.7	1.2	44.1	--	--	--	--	2.2	80.8
1976/77	--	--	0.5	18.4	0.7	27.9	1.9	69.8	--	--	--	--	3.2	117.6
1977/78	0.3	11.0	0.4	14.7	4.6	169.0	3.3	121.3	--	--	--	--	8.6	316.0
1978/79/1	2.6	95.5	0.9	33.1	1.4	51.4	3.2	117.6	--	--	--	--	8.1	297.6
1979/80/1	1.9	69.8	0.5	18.4	3.3	121.3	2.5	91.9	0.1	3.7	--	--	8.3	305.0

1/ Preliminary
L Less than 500,000 tons
-- None
MMT Million Metric Tons
MB Million Bushels

WHEAT IMPORTS BY OPEC COUNTRIES

July/June years	m. tons					OPEC imports as % of:	
	Algeria	Iran	Iraq	Other OPEC	Total OPEC	All developing countries	Total world trade
1969/70	0·4	T	0·1	2·3	2·7	11%	5%
70/71	0·7	0·5	0·8	2·3	4·3	16%	8%
71/72	0·9	1·0	0·3	2·5	4·6	18%	9%
72/73	0·7	0·6	---	2·6	3·9	14%	6%
73/74	1·6	0·6	0·6	2·6	5·4	16%	9%
74/75	1·9	2·2	0·4	3·2	7·8	21%	12%
75/76	1·6	0·3	0·6	3·6	6·0	18%	9%
76/77	1·3	1·3	1·0	4·0	7·4	22%	12%
77/78	2·2	1·3	1·7	4·5	9·7	26%	13%
78/79	1·0	1·1	1·5	4·8	8·3	21%	12%
79/80 prov.	1·6	1·3	2·0	5·1	10·0	26%	13%

Because of rounding totals do not necessarily add.
T Less than 50,000 tons.

From: IWC Review of World Wheat Situation 1978/79

USSR: Total Grain, Wheat, and Coarse Grains: Supply/Utilization 1972/73-1980/81

Year	Production	Trade (July/June) Imports	Trade (July/June) Exports	Availability* July/June	Utilization Total*	Seed	Industrial	Food	Dockage-Waste	Feed	Stock Change 2/ July/June
	(Million Metric Tons)										
Total Grains 1/											
1972/73	168	22.8	1.8	189	187	26	3	45	15	98	+2
1973/74	223	11.3	6.1	228	214	27	3	45	33	105	+14
1974/75	196	5.7	5.3	196	206	28	3	45	23	107	-10
1975/76	140	26.1	0.7	166	180	28	3	45	14	89	-14
1976/77	224	11.0	3.3	232	221	29	3	45	31	112	+11
1977/78	196	18.9	2.3	213	228	28	4	45	29	122	-16
1978/79 3/	237	15.6	2.8	250	231	28	4	46	28	125	+19
1979/80 4/	179	31.5	0.8	210	226	28	4	46	22	126	-16
1980/81 5/	215	30.0	.8	244	229	28	4	47	22	128	+15
Wheat											
1972/73	86	15.6	1.3	100	98	14	1	35	8	41	+2
1973/74	110	4.5	5.0	109	96	14	1	34	16	30	+13
1974/75	84	2.5	4.0	82	93	14	1	34	10	34	-11
1975/76	66	10.1	0.5	76	87	15	1	35	7	30	-11
1976/77	97	4.6	1.0	100	92	15	1	35	14	28	+8
1977/78	92	6.6	1.0	98	108	15	1	35	14	44	-10
1978/79 3/	121	5.1	1.5	125	107	14	1	35	14	43	+18
1979/80 4/	90	12.0	0.5	102	116	15	1	35	11	54	-14
1980/81 5/	106	13.0	.5	118	108	15	1	36	11	45	+10
Coarse Grains											
1972/73	72	6.9	0.4	79	79	11	2	7	7	53	0
1973/74	101	6.4	0.9	106	105	11	2	7	15	70	+1
1974/75	100	2.7	1.0	101	100	11	2	7	12	68	+1
1975/76	66	15.6	---	81	84	12	2	7	7	56	-3
1976/77	115	5.7	2.0	119	116	12	3	7	16	78	+3
1977/78	93	11.7	1.0	103	109	11	3	7	14	74	-5
1978/79 3/	105	10.0	1.0	114	113	12	3	7	13	79	+1
1979/80 4/	80	19.0	---	99	101	12	3	7	10	69	-2
1980/81 5/	98	16.5	0	115	110	12	3	7	10	78	+5

1/ Total grain production, trade and utilization figures include pulses, paddy rice, buckwheat, and miscellaneous grains, in addition to wheat and coarse grains.
2/ Minus indicates withdrawal from stocks.
3/ Preliminary for trade, availability, utilization, and stocks change.
4/ Forecast for trade, availability, utilization and stocks change.
5/ Projected
* Availability excludes beginning stocks. Totals may not add due to rounding.